



# SURREY RADIO CONTACT CLUB

**OCTOBER 2002** — No:721

CLUBNET 29.111MHz	Sunday 9:30am	Hon. Sec. Ray Howells G4FFY 9AultoneWay SUTTON Surrey SM13LD (020)86447589 E-Mail: <a href="mailto:secretary@g3src.org.uk">secretary@g3src.org.uk</a>
CLUBNET 144.325MHz	Friday 8:30pm	
CLUBNET 145.500MHz and Down	Thursday 7.00pm	
<b>CLUB Internet WEBSITE:</b> <a href="http://www.g3src.org.uk">http://www.g3src.org.uk</a>		

MONTHLY MEETINGS 1<sup>ST</sup> AND 3<sup>RD</sup> MONDAYS 7.45 FOR 8pm  
 AT THE T.S. TERRANOVA, 34 THE W. ALDRONS, SOUTH CROYDON  
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**"A" MEETING 7<sup>th</sup> Oct 2002**    **AUTUMN SURPLUS EQUIPMENT SALE**  
**"B" MEETING 21<sup>st</sup> Oct 2002**    **FIX-IT, ADVICE, CHIN -WAG, CLUB STATION + "MOVE -IT-ON"**

Chairman	G4WAY Roger Holyoake	020-8689 7089
Vice-Chairman	G4XAT Gareth Evans	020-8462 2837
Treasurer, Liaison & Equipment	G4DDY Maurice Fagg	020-8669 1480
Secretary, Membership & Communications	G4FFY Ray Howells	020-8644 7589
VHF Co-ordinator (Co-Opted)	G8IYS John Simkins	020-8657 0454
Publicity & HF Co-ordinator	M1MRS Robert Shepperley	020-8640 5166
Members	G3RJW Graham Marshall	020-8669 8722
	G4FDN Pat McGuinness	020-8643 0491
	G8TB Bernie Wynn	020-8660 7517

## Dear Members & Friends

Hello and welcome to the October 2002 newsletter which once again due to many calls on my time is being done in a hurry and will probably be posted on Friday again. Part of the delay is that I had recently undergone a Cataract Extraction operation on my right eye (at my relatively young age!). I have the expression that it is like having a washing powder wash (!) — the whites are brilliant, the colours are vivid, and everything is clear.

For October our main meeting on the Monday 7<sup>th</sup> is at the Terra Nova for the Autumn Surplus Equipment Sale. Monday 21<sup>st</sup> is the "B" meeting.

### NEXT "A" MEETING: Monday 7<sup>th</sup> Oct 2002 Autumn Surplus Equipment Sale

We hope there will be a good turnout for this **Autumn Sale**, when members can bring along items for sale and also items to be donated to the club. It is very helpful, as in the past, for sellers to be in the clubroom well before 8 o'clock, and no boxes of "rubbish" please. All members and visitors they have brought along must sign the attendance book and all must be conversant with the rules.

**Note** that the club accepts no responsibility for goods sold at this private sale, and the purchasers buy on the understanding that they are capable of determining the usability, fitness for purpose and SAFETY of goods obtained. The following also applies:

1. Only SRCC members are permitted to sell.
2. All items not donated must be marked with the name or call sign of vendor, brief description and details of any reserve price.
3. Bids should be in steps of 5p up to £1 and 25p thereafter.
4. Visitors are welcome but must be introduced by a member who is responsible for informing them of the rules.
5. All members and VISITORS must sign the attendance book.
6. Sellers will not be paid until all buyers have settled up.
7. The club levies 15% on all transactions.
8. Please try and arrive early to allow start by 8 o'clock.
9. PLEASE KEEP THE DOORWAY CLEAR FOR FIRE PRECAUTIONS.
10. SMOKERS are requested to keep to the rear of the room.

### NEXT "B" MEETING: Monday 21<sup>st</sup> Oct 2002 FIX-IT and "MOVE-IT-ON" Evening

The "B" meeting on Monday 21<sup>st</sup> Oct will be the regular "Fix -It" and advice evening with the extra twist. If you have a radio item, or anything else that you just wish to clear out then bring it along — you never know it may be just what another member is looking for!

The Fix -It section has proved very interesting and successful so please bring along that item that has been giving you grief — the collective heads at the meeting usually come up with something.

## LAST "A" MEETING: Monday 6<sup>th</sup> Sep 2002 The Airship "From Pride to Disaster" with David Foster G3KQR

I am indebted to John Pegler G3ENI for the following write-up following the talk given to Thames Valley on Tuesday 7<sup>th</sup> Sep:

The September meeting was a talk by David Foster, G3KQR, about the history of the airship. This was one of the major talks of the year. An airship is an aircraft deriving its support from the buoyancy of a volume of hydrogen or helium contained in a streamlined envelope. They may be non-rigid, semi-rigid or rigid types. It was decided early that speed and efficiency would increase rapidly with size in lift and weight both depend on the cube of the dimension, and the power for any speed only on the square. Hence they were large objects 700 or 800 feet long and 100 to 130 feet in diameter. They were also heavy due to the hoops and other parts being made of steel and later aluminum was used. Side winds presented a large force on such large envelopes, which made steering difficult. David described the work of Count Von Zeppelin prior to WW1 with his first one flying in 1900. Several others followed but were destroyed for one reason or another. The Goodyear Company in the USA was also involved, as were Vickers in England. Germany started building rapidly for use in the war when they were treated as a "secret weapon". In those early days of fixed wing aircraft these were not much of a threat to the airship. However towards the end of the war some 70 were either shot down or destroyed by accident. He also described the work of Barnes Wallis for the R100 and the use of geodetic construction. He then went on to discuss meteorology and the important effect of "lee waves" on airships or gliders. These can produce a resonance effect with amplitude much higher than the hills and cause very complicated airflows. In the Thames Valley talk they were given a case of a glider gaining altitude at a great rate and being overtaken by burning stubble from a field below. Finally he went on to explain and discuss the political ramifications concerning the design of the R101 - an airship to be better than any other which proved to be overweight, too experimental had much modification and finally crashed in flames on a hillside in Beauvais, France, just north of Paris at five past two on the 6th October 1930, killing 48 out of 54 persons many of them VIPs. Pride Leading to Disaster!



David G3KQR

## In Recognition - Mikiko Shepperley



The picture above shows the flower presented to Mikiko during the last "A" meeting by Roger G4WAY, Chairman, in appreciation and thanks of her excellent efforts for the Shepperley evening held on 5<sup>th</sup> Aug - thank you very much Mikiko.

## LAST "B" MEETING: Monday 20th Sep 2002 Informal Demonstration of PSK31 on 20m

An informal demonstration of PSK31 on 20m was given by Pat G4FDN with assistance from Maurice G4DDY. Pat brought along a Yaesu FT-100 with a compact switched mode PSU, a home made radio to PC soundcard interface and an old IBM laptop computer (Pentium 133Mhz with Win95) running Digipans software. Gareth G4XA T was going to provide the antenna but unfortunately at the last moment couldn't attend. Maurice stepped in and provided a long wire tuned with his Redifon ATU. The 'waterfall' display on the laptop showed quite a bit of activity around 14.070Mhz - the PSK31 watering hole on 20m. Within a couple of minutes of set-up a contact using the club call G3SRC was established with SP9NL in Sosnowiec in the south of Poland, followed shortly after by a contact with SP9QZL in Kusieta. (A transcript of that latter contact taken from the laptop is attached). In order to explain what was going on while operating the station, Pat used Digipans macros containing prepared parts of the QSO with replaceable variables: g, RST, name, callsign, etc. Several members took the opportunity to play with the kit and tuned in PSK31 signals using 'point and click'. A demonstration of decoding two separate signals at once was also given. Activity was also noted on 30m with an SM2 and UA3 spotted.

There seem to be an increasing interest amongst club members in PSK31 and a number of suggestions were made as to a possible follow up at an 'A' meeting. These included possibly a formal lecture on the background and development of PSK31 and its technical innards or possibly a workshop to help members get their transceivers, interfaces, and PC's set-up correctly. Another possibility would be a meeting concentrating on the design, construction, set-up and debugging of radio-PC soundcard interfaces. A question was asked about PSK31 contests and a subsequent check revealed that there is one the first full weekend of October each year. Members with Internet access will find a lot of sites providing further information if they search using 'psk31'.

Pat G4FDN.

THE CALENDAR SECTION  
SRCC and Local Club Meeting Dates:

1 <sup>st</sup> Oct	ThamesValleyARTS –Judgingofequipmentfor CarnarvonTrophy –1 <sup>st</sup> Tues8pmLibraryReading Room,GiggsHill,ThamesDitton –TrevorMOCDB 01372-457674
4 <sup>th</sup> Oct	CrystalPalace –Natternight/Clubprojects/Morse Class@AllSaintsChurchParishRooms,BeulahHill. 7:30for8pm.BobG3OOU01737552170(Meetings 1 <sup>st</sup> and3 <sup>rd</sup> Fridays) <a href="http://members.aol.com/rfcburns/">http://members.aol.com/rfcburns/</a>
7 <sup>th</sup> Oct	<b>AutumnSurplusEquipmentSale</b>
11 <sup>th</sup> Oct	W&DARS –RemotelmagingbyKeithHolland G3MCD@St.Andrew'sChurchHall,HerbertRoad, Wimbledon –7.30for8pm2 <sup>nd</sup> &lastFriday'sDetails: JimG4WYJ01737356745 <a href="http://www.wadars.thersgb.net">http://www.wadars.thersgb.net</a>
14 <sup>th</sup> Oct	CATS –OldPurleyClubReunion@St.Swithun's ChurchHall,GrovelandsRd,Purley8pm2 <sup>nd</sup> Monday's <a href="mailto:cats@briersa.fsbusiness.co.uk">cats@briersa.fsbusiness.co.uk</a> Contact: AndyG0KZT01737 –552139.
15 <sup>th</sup> Oct	Bromley&District –QuizNight(Meetings3 <sup>rd</sup> Tuesday's)@VictorySocialClub,KechillGardens, Hayes –7.30for8pm.AlanG0TLK020 –87770420 <a href="mailto:alan@alancm3.idps.co.uk">alan@alancm3.idps.co.uk</a>
17 <sup>th</sup> Oct	Sutton&CheamRS –RNLbyPeterWoolhouse G7PWV@VicePresidentsLounge,SuttonUnited FootballClub,GanderGreenLane,Sutton –7.30for 8pm.Sec:JohnG0BWW020 –86449945 <a href="mailto:scrs@btinternet.com">scrs@btinternet.com</a>
18 <sup>th</sup> Oct	CrystalPalace:Link –MicrowaveOperationbyJim GaleG4WYJ@AllSaintsParishRooms,BeulahHill –7:30for8pm.FurtherdetailsfromSec:Bob G3OOU01737552170 – <a href="mailto:RFCBurns@aol.com">RFCBurns@aol.com</a>
21 <sup>st</sup> Oct	<b>Fix-It,Advice,Chin -Wag,Move -It-On</b>
23 <sup>rd</sup> Oct	CrawleyARC –TBA@Hut18,TilgateForest RecreationalCentre,TilgateForest,Crawley – 7.30pm.JerryG0FPI01293 –512932 <a href="mailto:jerry@spence0663.freeseve.co.uk">jerry@spence0663.freeseve.co.uk</a>
25 <sup>th</sup> Oct	W&DARS –40 <sup>th</sup> AGM@St.Andrew'sChurchHall, HerbertRoad,Wimbledon –7.30for8pm2 <sup>nd</sup> &last Friday'sDetails:JimG4WYJ01737356745 <a href="http://www.wadars.thersgb.net">http://www.wadars.thersgb.net</a>
29 <sup>th</sup> Oct	Dorking&DistrictRadioSociety –Meetings4 <sup>th</sup> Tuesday's@FriendsMeetingHouse,ButterhillSouth Street,Dorking –opp.SpottedDog.Details:Jon G0GNA01306 –883718
30 <sup>th</sup> Oct	Mitcham&DistrictARS –GB50withBobTreachor BRS52525.(Meetings1 <sup>st</sup> astWednesdayofmonth)@ ATCHHeadquarters,CommonsideWest,Mitcham. <a href="mailto:m0bgx@freenet.co.uk">m0bgx@freenet.co.uk</a>
4 <sup>th</sup> Nov	<b>VideoEveningatRAWhyteleafe</b>
2 <sup>nd</sup> Dec	<b>GB50TalkwithBobBRS52525&amp;Team</b>
6 <sup>th</sup> Jan 03	<b>TBA</b>

SRCC Meetings indicated in BOLD with venue of Terra Nova unless otherwise stated.

Rally Calendar, etc:

17 <sup>th</sup> Nov	CATSBazaar2002 –4 <sup>th</sup> PurleyScoutHQ, LionGreenRoad,Coulsdon
23 <sup>rd</sup> /24 <sup>th</sup> Nov	LondonCommunication&ComputerShow,Wodson Park,WadesmillRoad,Ware,Herts.Rad iosporton 01923893929or <a href="http://www.radiosport.co.uk">http://www.radiosport.co.uk</a>

FOUNDATION COURSES

SRCCareintheprocessoffinalisingtheplanstoruna course and this will be agreed at the October 2002 Committee meeting. I should then be able to publish our plansintheNovember2002newsletter.

CATS BAZAAR 17<sup>th</sup> Nov 2002

AndyBriersG0KZTHasinvitedtheclubtotakepart inCATSannualradioBazaarbeingheldatthe4<sup>th</sup>Purley ScoutHQ,behindthePostofficeinLionGreenRoad, CoulsdononSunday17<sup>th</sup>November2002.

Doorsopenat10amandcloseat1pm.Entryisjust£1 perpersonthatincludesafreecupoftea/coffeeandan instantraffle. Therewillalso belightrefreshments availableatextracost(thesausagerollsarealways popular).

Applicationsarenowbeingtakenfortables,each costing£6.Wehavebookedourusualtwo tables.

Please notethatTalk –InisNOTavailableasthevenue iseasytofind.

Richard (Dickie) Plumb G3IRP

JimGaleG4WYJhasadvisedmeofthesad deathof DickiePlumG3IRP.HewasdiagnosedwithLungCancer lastOctoberandhadspent sometimeinhospitalandSt. Raphael'sHospiceinCheambeforemovingtoBridge HouseCareCentreinWallingtonattheendofJuly.He diedintheCareHomeearly onthemorningofthe26<sup>th</sup> September;his78<sup>th</sup>birthdaywascelebratedlastAugust.

HisfuneralwastakingplaceattheNorthCheam CrematoriuminLowerMordenLaneonFriday4<sup>th</sup>October at10am. DickiewasamemberoftheWimbledonand DistrictARSint he80'sandmembersoftheirCommittee willbepresentatthissadevent.Theyhadalsoarranged aforatributeofbehalfofW&ADRSmembersandfriends.

A RECENT ACTIVITY ONE HAS MISSED!

NEEDADVENTUREINYOURLIFE?

MEETNEWFRIENDS!

WANTTOSAVETHEENVIRONMENTAND MANKINDALSODEVELOPYOURSKILLSFOR HUNTING&TRAPPINGTHEBIGBROWNRAT

THENJOINTHEBUTEROADSUNDOWNERSBIG GAMEASIANRATCLUB.

WEGUARANTEEEEXCITEMENTANDTHE WHISKYISNOTBAD! BRINGYOUROWNGUNANDAMMUNITION.

DOORSOPEN17.00 TO23.00

QUIETNESSANDSTEALTHMUSTBEOBSERVED ATALLTIMES.

ASPECIALHEADMOUNTINGANDTAXIDERMYSERVICEAVAILABLEIFREQUIRED.

CONTACT:LEANMAURICEorBIGGRAHAMAND ENJOYYOURLEISURETIME.

RSGB HQ MAINTENANCE & REFURBISHMENT

DuetooessentialmaintenanceandrefurbishmenttoRSGB Headquarters,LambdaHouse,theheadquartersstation, GB3RS,willbeofftheairuntilspring2003.Thepublic areasinLambdaHouse,theMuseumandtheLibrary,will alsobeclosedfromMondaythe23<sup>rd</sup>ofSeptemberuntil furthernotice.

**5MHZ EXPERIMENT**

The Radio Society of Great Britain has announced that permission has been granted by the Ministry of Defence and the Radiocommunications Agency for the allocation of five spot frequencies in the range of 5250 to 5450kHz. The purpose of the experiment is to carry out propagation and antenna investigations aimed at improving the understanding of Near Zenithal Radiation or NVIS - Near Vertical -Incidence Skywave communications via the ionosphere.

The frequencies assigned are 5260, 5280, 5290, 5400 and 5405kHz. These will be made available in the form of 3 kHz bandwidth channels by way of a Notice of Variation to the amateur radio licence. Operating Modes are Morse, Telephony, RTTY, Data, Facsimile and SSTV with power level not exceeding 200W (23dbW).

In the first instance, NOV's will only be issued to Full Class A licence holders. It is hoped to relax this ruling as the experiment progresses. As this is a controlled experiment, applicants will be required to report their findings and results to the RSGB. The RSGB is tasked with providing both the Radiocommunications Agency and the Ministry of Defence with reports on findings as the experiment progresses. Inote that NOV's will expire on 31<sup>st</sup> July 2006 at the latest.

More info is available on the RSGB Web Site <http://www.rsgb.org/licensing/fivemegs/fivemegs.htm>

**432MHz AFS CONTEST RESULTS**

I should have advised of these a long time ago as the results were published back in May.

Anyway out of 15 club entries our "A" team came 6<sup>th</sup> whilst the "B" Team came 15<sup>th</sup> - the details are as follows:

Callsign	Points	Normalised
<b>SRCC A</b>		
G4WYJ	4305	268
G8IYS	2395	310
G3ZPB	1351	293
<b>Total:</b>		<b>871</b>
<b>SRCC B</b>		
G4FFY	126	8

When tabulated as Single operators, Jim G4WYJ was 9<sup>th</sup>, John G8IYS was 15<sup>th</sup>, Peter G3ZPB was 22<sup>nd</sup>, and myself G4FFY 26<sup>th</sup> and last. Well done everyone and thanks for making the effort.

Full details are on the VHF Contest Group website on: <http://www.blacksheep.org/vhfcc/results/02/432afs.html>

**SIGNING OFF:**

In closing I seem to be of the feeling that I have missed something out, I know for example that I need to print the HF SSB AFS results but will need to search through my Rad Coms as the results are not on the HF Contest Group Web Site!!

Thanks are extended to the RSGB for the HQ and 5MHz news, and to John Pegler G3ENI for the Airship talkwrite -up.

So lets have a large turnout for next Monday's Autumn Surplus Equipment Sale at TSTerraNova.

73 and 88 *Ray G4FFY* Posted: 4<sup>th</sup> Oct 2002

We are using this box to indicate if we believe you need to renew your subscription. An **X** means we would appreciate your renewal subscription. Please use the Slip printed below - thanks.

SRCC Subscription Renewal Form Oct 2002

Member: £8.00 Family: £12.50

Name: ..... Callsign/RS: .....  
 Address: .....  
 .....  
 Post Code: ..... Tel: .....  
 E-Mail: .....

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